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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/599,783	10/10/2006	Oddvard Johnsen	JOHN-002 (ODD-01)	4516
60935	7590	06/23/2009	EXAMINER	
EDMONDS, P.C.			BROADHEAD, BRIAN J	
16815 ROYAL CREST DRIVE				
SUITE 130			ART UNIT	PAPER NUMBER
HOUSTON, TX 77058			3664	
			MAIL DATE	DELIVERY MODE
			06/23/2009	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/599,783	JOHNSEN	
	<b>Examiner</b>	<b>Art Unit</b>	
	BRIAN J. BROADHEAD	3664	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 14 May 2009.

2a) This action is **FINAL**.                    2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-9 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) \_\_\_\_\_ is/are allowed.

6) Claim(s) 1-9 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All    b) Some \* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 5-14-09, 9-2-08.

4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.

5) Notice of Informal Patent Application

6) Other: \_\_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
2. Claim 3 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
3. Claim 3 rejected under 35 U.S.C. 112, second paragraph, as being incomplete for omitting essential steps, such omission amounting to a gap between the steps. See MPEP § 2172.01. The omitted steps are: What is the acceleration information “used” for? The prior claim doesn’t recite “acceleration information” and the rest of claim 3 doesn’t use it for anything. Also, claim 2 recites using only longitudinal acceleration, using claim 3 to broaden claim 2 and not include overall acceleration of the vehicle would be improper.

### ***Claim Rejections - 35 USC § 101***

4. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 8-9 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. The parent to these claims recites a method. Then claims attempt to claim the method is now either an automatic brake or manual/pedal

brake, which are both a type of apparatus. A method cannot be made into an apparatus in this way and isn't logical. The claims span two classes of invention and is improper.

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1-3, 4, 5, 7, and 8 are rejected under 35 U.S.C. 102(b) as being fully anticipated by Zierolf, 6178370.

7. Zierolf discloses (a) a registration unit for longitudinal acceleration; (b) registration unit for brake pressure to wheel brake; (c) a computation function which continuously compare changes in acceleration and transmits signals to a pressure regulator for brake pressure; and (d) a pressure regulator designed to increase or reduce brake pressure to wheel brake on lines 60 on column 1, through line 28, on column 2; and controlling the brake pressure controller for a wheel of a vehicle in motion which changes brake pressure in accordance to change in longitudinal acceleration over time characterized by: (a) brake pressure to wheel brake is set off and increased evenly; (b) longitudinal acceleration is compared from one time frame to the next ; (c) when the acceleration negative value in one time frame to the next increases, brake pressure is increased; (d) when acceleration negative value in one time frame to the next decreases brake pressure is reduced; then; (e) functions "b", "c" and "d" are reiterated continuously until vehicle has come to a stop on lines 60 on column 1,

through line 28, on column 2; and the vehicle is an aircraft with an automatic brake on lines 60 on column 1, through line 28, on column 2

***Claim Rejections - 35 USC § 103***

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

9. Claims 6 and 9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Zierolf as applied to claims 1-3, 4, 5, 7, and 8 above, and further in view of official notice.

10. Zierolf discloses the limitation as set forth above. He does not disclose using the method on a manual/pedal brake. Zierolf does disclose that the invention is applicable to many other types of braking systems on lines 50-60, on column 3. Official notice is given that braking with a pedal is known. It would have been obvious to one of ordinary skill in the art at the time the invention was made to use the pressure control of Zierolf in a manual pedal system because the part of Zierolf that reads on the claimed invention is the ABS part and this type of system would be equally as useful on a manual system.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to BRIAN J. BROADHEAD whose telephone number is (571)272-6957. The examiner can normally be reached on Monday through Thursday or Tuesday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Khoi Tran can be reached on 571-272-6919. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Brian J. Broadhead/  
Examiner, Art Unit 3664